



PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN THE APPLICATION OF:

MARK STEPHEN EDWARDS ET. AL.

CASE NO.: AD6606 US DIV2

APPLICATION NO.: 10/634,400

CONFIRMATION NO.:

GROUP ART UNIT:

EXAMINER:

FILED: AUGUST 05, 2003

FOR: METHOD AND APPARATUS FOR MAKING BRISTLE SUBASSEMBLIES

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with 37 CFR 1.97 and 1.98, Applicants would like to bring to the attention of the U.S. Patent and Trademark Office information that may be helpful in the examination of the above-identified patent application. All of the information is listed on an attached Form PTO/SB/08. A copy of the information, when required, is attached hereto.

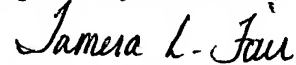
Benefit of the earlier filing date of U.S. Patent Application No. 90/550,657 filed April 17, 2000 is claimed under 35 USC 120 for the above-referenced application and no further references are made of record. A copy of the information is found in the National Application.

Applicant(s) also bring to the attention of the Patent and Trademark Office the following pending U.S. application(s) previously made of record:

Application No.	Filing Date	Inventor
10/634398	August 05, 2003	Mark S. Edwards et. al.
10/634399	August 05, 2003	Mark S. Edwards et. al.

Should any fee be required in connection with the filing of this Information Disclosure Statement, please charge such fee to Deposit Account No. 04-1928 (**E. I. du Pont de Nemours and Company**). If this amount is insufficient or incorrect, please charge or credit the above-referenced Deposit Account.

Respectfully submitted,

A handwritten signature in cursive script that reads "Tamera L. Fair".

**TAMERA L. FAIR**  
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Dated: October 27, 2003  
Enclosures

Form PTO-1449  
(Reproduced)**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**  
(Use several sheets if necessary)

Docket Number (Optional)

**AD6606 US DIV2**

Application Number

**10/634,400**

Applicant

**MARK STEPHEN EDWARDS ET AL.**

Filing Date

**AUGUST 05, 2003**

Group Art Unit

**1???****U. S. PATENT & APPLN. DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE M-DD-YY	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	<b>5,470,629</b>	<b>11-28-95</b>	<b>MOKHTAR ET AL.</b>	<b>428</b>	<b>85</b>	
	<b>5,472,762</b>	<b>12-5-95</b>	<b>EDWARDS ET AL.</b>	<b>428</b>	<b>93</b>	
	<b>5,498,459</b>	<b>3-12-96</b>	<b>MOKHTAR ET AL.</b>	<b>428</b>	<b>85</b>	
	<b>5,547,732</b>	<b>8-20-96</b>	<b>EDWARDS ET AL.</b>	<b>428</b>	<b>85</b>	
	<b>5,804,008</b>	<b>9-8-98</b>	<b>KENNARD ET AL.</b>	<b>156</b>	<b>72</b>	
	<b>USSN 09/092,094 6,269,514</b>	<b>6-5-98 08-07-01</b>	<b>EDWARDS ET AL.</b>			
	<b>USSN 09/092,092 6,096,151</b>	<b>6-5-98 08-01-00</b>	<b>EDWARDS ET AL.</b>			
	<b>USSN 09/247,093 6,260,229</b>	<b>2-9-99 7-17-01</b>	<b>EDWARDS ET AL.</b>	<b>15</b>	<b>207.2</b>	
	<b>3,107,124</b>	<b>10-15-63</b>	<b>BARR</b>	<b>300</b>	<b>21</b>	
	<b>3,726,751</b>	<b>4-10-73</b>	<b>CASADEVALL</b>	<b>161</b>	<b>58</b>	
	<b>3,880,696</b>	<b>4-29-75</b>	<b>CHEN, HENG TAAN</b>	<b>156</b>	<b>428</b>	
	<b>4,361,922</b>	<b>12-7-82</b>	<b>KARAL, DONALD W.</b>	<b>15</b>	<b>1.51</b>	
	<b>5,454,133</b>	<b>10-3-95</b>	<b>GARNET, ARROW</b>	<b>15</b>	<b>106</b>	

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
						YES	NO
	<b>WO 97/06003</b>	<b>2-20-97</b>	<b>PCT</b>				
	<b>WO 94/19521</b>	<b>9-1-94</b>	<b>PCT</b>				
	<b>WO 96/06965</b>	<b>3-7-96</b>	<b>PCT</b>				
	<b>GB 696730</b>		<b>UK</b>				

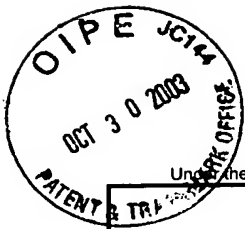
**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

		<b>PCT INTERNATIONAL SEARCH REPORT dated 8-14-2000</b>

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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PTO/SB/92 (08-03)  
Approved for use through 07/31/2006. OMB 0561-0031  
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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*Julianne Holland*  
Signature

Julianne Holland  
Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

10/634400  
AD6606 US DIV 2  
Information Disclosure Statement  
Fee Transmittal Sheet  
PTO/SB/08 form (Sustitute for PTO1449)

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 0.00

## Complete if Known

Application Number	10/634400
Filing Date	August 05, 2003
First Named Inventor	Mark Stephen Edwards Et. Al.
Examiner Name	
Art Unit	
Attorney Docket No.	AD6606 US DIV2

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit  
Account  
Number  
Deposit  
Account  
Name

04-1928

E. I. du Pont de Nemours and Company

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$)
					0.00

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims		Fee from below		Fee Paid
Total Claims	<input type="text"/>	-20** =	<input type="text"/>	X	18	<input type="text"/>
Independent Claims	<input type="text"/>	-3** =	<input type="text"/>	X	86	<input type="text"/>
Multiple Dependent	<input type="checkbox"/> YES				290.00	<input type="text"/>

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0.00

## SUBMITTED BY

Name (Print/Type)	Tamara L. Fair	Registration No. (Attorney/Agent)	35,867	Telephone	(302) 892-7948
Signature	<i>Tamara L. Fair</i>	Date	10/21/03		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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